

Title (en)  
TIRE TREAD

Title (de)  
REIFENLAUFFLÄCHE

Title (fr)  
BANDE DE ROULEMENT DE PNEUMATIQUE

Publication  
**EP 2748014 A1 20140702 (EN)**

Application  
**EP 11872327 A 20110914**

Priority  
US 2011051644 W 20110914

Abstract (en)  
[origin: WO2013039498A1] Treads and tires having such treads having improved characteristics breaking the compromise between Wear and wet braking, such treads manufactured from a rubber composition that may include greater than 90 phr of an elastomer component selected from styrene-butadiene rubber (SBR), a polybutadiene or combinations thereof having, a glass transition temperature of between -100 °C and less than -50 °C and a plasticizing system. The plasticizing system may include, for example, between 5 phr and 120 phr of a plasticizing resin having a Tg of -at least 25° C and between 0 phr and 60 phr of a plasticizing liquid. Particular embodiments may include the elastomer component having a Tg of between -90 °C and -60 °C and/or may further have the elastomer component included in an amount of at least 95 phr.

IPC 8 full level  
**B60C 1/00** (2006.01)

CPC (source: EP US)  
**B60C 1/0016** (2013.01 - EP US); **B60C 11/0008** (2013.01 - US); **C08K 5/0016** (2013.01 - EP US); **C08L 9/00** (2013.01 - US); **C08L 9/06** (2013.01 - US); **C08L 47/00** (2013.01 - US); **B60C 2011/0025** (2013.01 - US)

C-Set (source: EP US)  
1. **C08K 5/0016 + C08L 9/06**  
2. **C08K 5/0016 + C08L 9/00**

Cited by  
EP3769973A1; US11214667B2; US11441021B2; US11884823B2; US10179479B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2013039498 A1 20130321**; BR 112014006179 A2 20170411; CN 103889736 A 20140625; CN 103889736 B 20180119; EP 2748014 A1 20140702; EP 2748014 A4 20150708; EP 2748014 B1 20160720; JP 2014531486 A 20141127; JP 5873558 B2 20160301; US 2015283854 A1 20151008

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